

Design and Access Statement

The property is currently heated by a 25-year old Rayburn gas-fired boiler which has reached the end of its life and needs replacing. In line with the government's net-zero policy, we propose to replace it with an air-source heat pump. The pump will sit on the ground adjacent to the rear wall of the property. The pump will be a LG type HM161M.U33, 124cm wide, 40cm deep and 145cm high. It will be connected to the hot water system in the house by two new pipes rising alongside the existing foul water downpipe and passing through the bathroom wall to the hot water tank.

The pump itself will not be attached to the property and will not be visible from any public road due to the steep, vegetated slopes at the back of the property. The clearest view of the rear elevation is obtained from the parking space on Beatlands Road as shown in Figure 2. From here the installation will be completely invisible. A close up of the rear of the property is shown in figure 3. The heat pump (145cm high, 40cm deep) will replace the existing potting store (200cm high, 80cm deep).

There is currently no public access to the house and that will not change.



Fig. 1 LG heat pump type HM161M.U33



Figure 2 View of the rear of the property from Beatlands Road



Figure 3 Close up of the rear wall and the potting store that will be replaced by the heat pump